

ИЗВЕРЖЕНИЕ 2010-2011 гг. КАМЧАТСКОГО ВУЛКАНА КИЗИМЕН

**THE 2010-2011 ERUPTION OF KIZIMEN VOLCANO, KAMCHATKA:
DYNAMICS OF ERUPTIVE ACTIVITY AND GEOLOGIC-GEOMORPHOLOGICAL
IMPACT (BASED ON REMOTE SENSING DATA)**

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Dynamics of the ongoing eruptive activity over the period 2010-2011 on Kizimen Volcano was reconstructed using aero-photo and satellite data. The geological and geomorphological impact of this activity was estimated. As a first approximation, the article provides estimates of degassing of volcano sulfur dioxide (as an index of the intensity of the volcanic processes) and the volume of a fresh lava flow.

Keywords: Kizimen Volcano, remote sensing, sulfur dioxide, eruption, ASTER.